

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA Crystal Brook SITE NUMBER CSBK01

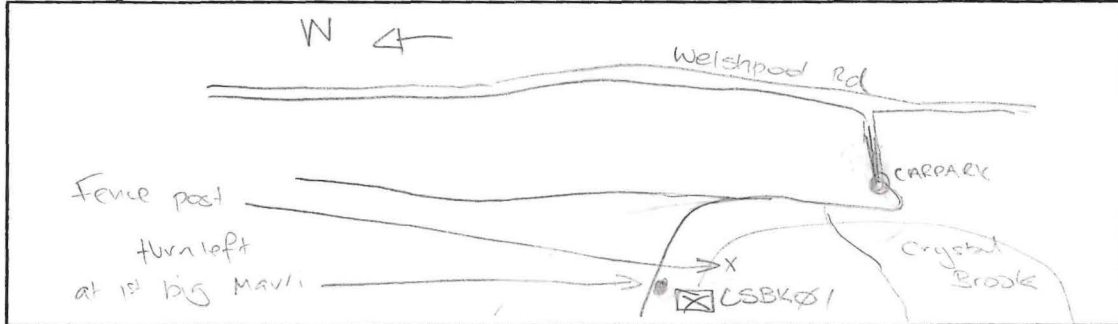
DATE TRIP 24-9-96 RECORDERS AM & GK & ML

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

Mud Map Draw a sketch of the location of the site below



Aerial photo: 5123
4.1.91
910400

Road Location off Welshpool Road MAP 313 UBD 1995

Geographic Location Latitude 32° 00' 54.3" S Longitude 116° 01' 58.1" E Altitude 220m
GPS Accuracy PDP 2-9
Map Sheet M20 of KELMSCOTT

NB
Lesmou
is
220m

Photograph Name _____ Number 26 col # 2

Topographic Position (Circle the correct response)
Upland _____ Lower slope _____
Upper slope _____ Valley _____
Midslope 3 Washline _____

2. SITE DATA Circle the correct response

Slope flat gentle steep 2.5 Aspect N NE E SE S SW (W) NW 7

Surface Soil gritty loam Depth to Rock 0-50cm Colour Grey Brown

Exposed Rock type granite % surface cover 10% size range 2-20cm
ironstone

Litter 50 45 % surface cover Depth (cm) 20-30 cm

Bare Ground 10 % surface cover)

Adapted from 'Bushland Plant Survey' written by B. Keighery (1994) and published by Wildflower Society of WA (Inc). PO Box 64 Nedlands WA 6008

No wanders in plot

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No CSBL01

Date 24-9-96

Label each plant with plants number, site code, date and plant's name or working name if required

Record on Sheet

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
E. calodrylla	✓			Isopogon asper	✓		///	Sonchus olerius			
								Chaenactis corymbosa	✓		///
SHRUBS								(true M. streptocarpa)			
Calothrix torulosis	✓		///								
Melaleuca ? scabra	✓		///								
Alloc. humilis	✓		o								
MALLEES											
Xan. acanthostachya	✓		o								
Verticordia ascarosa	✓		///	GRASSES							
EAACLEA campoch	✓		o	Neurachne alopecuroides	✓						
Petro. biloba	✓		o	Drosera nemorosii							
SHRUBS											
Aracia pulchella	✓		o								
Hdk. incrassata	✓		o					SEDGES			
Leucopogon pulchellus	✓		o					Tetaria octandra			✓
Hakea trifurcata	✓		o					Lepidosperma large torate			✓
Andromeda lehmanniana	✓		///					Mesomelasma tetragona			✓
Hibb. hypericoides	✓		///								
Sphaerolobium medium	✓		///	HERBS							
Eriostemon spicatum	✓			Agra. scab	✓						
Dry. amata	✓			Tetrargyre olator	✓		///	ADJACENT			
Dry. nivea	✓			Laxmannia squarrosa			///	Hibbaeria aurea			
Xan. humilis	✓		///	Stylidium affine	✓		o				
Grevillea pilulifera	✓		///	Stylidium repens	✓		///				
Olearia paucidentata	✓		o	Haemodorum laxum	✓						
Templetonia biloba			o	Stylidium humerianum	✓						
Hakea trifurcata	✓		o	Cassutha glabella	✓		///				
Gladiolus sp	✓		o	Conostylis aurea cavacina			///				
Gomph marginatum			o	Gomph. marginatum			///				
Olearia paucidentata	✓		o	Stylidium piluliferum			///				
Hakea incrassata	✓		o	Gonocarpus rodgersii	✓						

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No CRBK01

Record on Sheet

Date 10.12.96

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

TREES

No FI ID

SHRUBS (cont.)

No FI ID

HERBS (cont.)

No FI ID

MALLEES

GRASSES

SHRUBS

HERBS

Cassytha sp 11/1
Gardenia caerulea 11/1
Unid Astraceae - Pitha. 11/1
Silene induratum NF 11/1
leafless panicles 11/1
Baeckea camphorosma 11/1
Schoenus sp 11/1
Danthoria sp
Lomannia squarrosa
Amphipogon sp.
Stipa sp

SEDGES

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No CSBK 81
Date 21.9.96
10.12.96(2)

Record on Sheet

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
<i>Eucalyptus calophylla</i>	✓	-	R					<i>Haemodorum laurum</i>	✓	✓	1/2
								<i>Drosera moricsoni</i>	✓		1/2
								<i>Cassytha boriformis</i>	✓		✓
<i>Gompholobium marginatum</i>	✓	-	✓					<i>Cassytha glabella</i>	✓		✓
<i>Petrophile biloba</i>	✓		R					<i>Gladiolus sp. ruyophyllacea</i>	✓		R
<i>Grevillea pilulifera</i>	✓	✓	R					<i>Agrostocrinum scabrum</i>	✓		R
<i>Hibbertia hypericoides</i>	✓	✓	1/2					<i>Stylidium affine</i>	✓		R
<i>Melaleuca aff. scabra</i>	✓		R					<i>Haemodorum laurum</i> (6-12)	✓		R
<i>Calothamnus torulosus</i>	✓		R	GRASSES				<i>Stylidium humerianum</i>	✓		R
<i>Isopogon asper</i>	✓		R	<i>Danthoria setacea</i>	✓	✓	1/2	<i>Sonchus oleraceus</i>	✓		✓
<i>Anderstonia blunderriana</i>	✓		R	<i>Amphipogon debilis</i>	✓	✓	1/2				
<i>Sphaerolobium medium</i>	✓	✓	1/2	<i>Stipa sp. indet</i>	✓	✓	R				
<i>Verticordia acerosa</i>	✓	✓	R	<i>Neurachne alopecuroides</i>	✓	-	R	SEDGES			
<i>Allocasuarina humilis</i>	✓	-	R								
<i>Xanthorrhoea acanthostachya</i>	✓	-	R								
<i>Baeckea camphorosmae</i>	✓	-	R								
<i>Acacia pulchella</i>	✓	-	R	HERBS							
<i>Halkea inarassata</i>	✓	-	R	<i>Xanthosia huegelii</i>	✓	✓	1/2				
<i>Leucopogon pulchellus</i>	✓	-	R	<i>Chamaecilla ruyumbosa</i>	✓	✓	R				
<i>Halkea trifurcata</i>	✓	-	R	<i>Conostylis caricina</i>	✓	✓	1/2				
<i>Oleavia paucidentata</i>	✓	-	R	<i>Stylidium repens</i>	✓	✓	1/2				
<i>Eriostemon spicatum</i>	✓	-	R	<i>Tricoryne elatior</i>	✓	✓	1/2				
<i>Dryandra armata</i>	✓	-	R	<i>Gonocarpus cordiger</i>	✓	✓	1/2	SEDGES			
<i>Dryandra lindleyana</i>	✓	-	R	<i>Pithecaurum pulchella</i>	✓	✓	R	<i>Schoenus brevifolius</i>	✓	✓	R
<i>Templetonia biloba</i>	✓	-	✓	<i>Thysanotus parvifolius</i>	✓	✓	1/2	<i>Tetraria octandra</i>	✓		R
				<i>Cassytha boriformis</i>	✓	✓	1/2	<i>Mesomelaena tetragona</i>	✓		R
				<i>Stylidium piliferum</i> (nile) S. hispidum?	✓	✓	1/2				
				<i>Laxmannia squarrosa</i>	✓	✓	R				
				<i>Pithecaurum ruyumbosae</i>	✓	✓	R				
				<i>Crocodania charulca</i>	✓	✓	R				

		*	***	***	***		**		***	***	**	***	***
exNa	-.08	.02	.56	.32	.35	-.30	.46	.17	.13	.33	.43	.43	.39
			***	***	***	***	***			***	***	***	***
exK	.20	-.33	.33	.20	.23	-.46	.60	.34	-.15	.15	.54	.51	.89
	*	***	***	*	**	***	***	***			***	***	***
exMg	.06	-.18	.44	.31	.33	-.31	.50	.18	-.07	.17	.45	.53	.63
		*	***	***	***	***	***	*		*	***	***	***
Alt	.02	-.22	-.49	-.50	-.55	-.10	-.02	.14	-.13	-.31	-.18	-.38	-.25
		**	***	***	***					***	*	***	**
Lat	-.73	.38	-.12	-.20	-.18	.00	-.14	.02	.28	.02	-.23	-.22	-.31
	***	***		*	*	.956			***		**	**	***
Long	.10	-.48	-.36	-.49	-.48	-.24	.14	.24	-.30	-.39	-.04	-.17	.07
		***	***	***	***	**		**	***	***		*	
	P_warQ	P_cldQ	EC	phH2O	phCACL	sand	silt	clay	C	N	P	P_HCO3	K_HCO3
	63	63	63	63	63	62	62	62	63	63	63	63	63

CEC	.48												

exCa	.62	.71											
	***	***											
exNa	.39	.41	.35										
	***	***	***										
exK	.10	.40	.30	.41									
		***	***	***									
exMg	.20	.53	.45	.52	.64								
	*	***	***	***	***								
Alt	-.47	-.36	-.38	-.31	-.22	-.30							
	***	***	***	***	**	***							
Lat	-.13	-.13	-.06	-.05	-.28	-.17	.20						
					***	*	*						
Long	-.58	-.26	-.37	-.16	.08	-.03	.54	.12					
	***	**	***				***						

Santalum thicket

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA Crystal Brook SITE NUMBER CSBK02

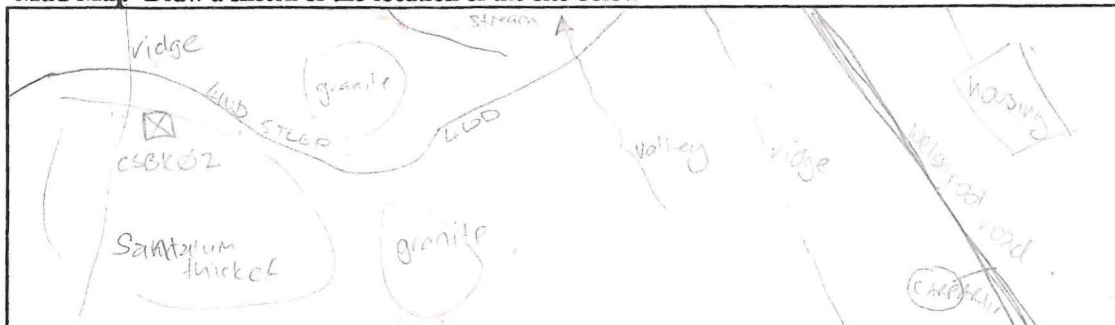
DATE TRIP 26.9.96 RECORDERS AM & ML

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

Mud Map Draw a sketch of the location of the site below



Road Location Crystal Brook Road. MAP 312-313. 1995 UBD

Geographic Location Latitude 32 01 21.4 S Longitude 116 01 43.1 E Altitude 170m
GPS ✓ Accuracy PDOP 3.7
Map Sheet MUNDARING

Photograph Name Number # Roll # 78

Topographic Position (Circle the correct response)
Upland Upper slope Lower slope Valley
Midslope 4 Washline

2. SITE DATA Circle the correct response

Slope flat gentle steep Aspect N NE E SE S SW W NW

Surface Soil Gritty loam Depth to Rock 1m Colour Med-Dk Brown

Exposed Rock type granite % surface cover 30 size range 2-50cm

Litter 10 % surface cover Depth (cm) 0-5cm

Bare Ground 40 % surface cover

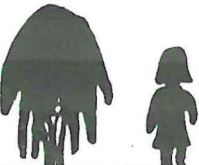
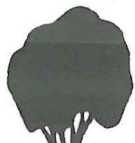
BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- use pencil only

3. VEGETATION STRUCTURE AND COVER

For each layer record - appropriate life form, cover class (see below), and dominant species in each layer.

Cover Class	2-10%	10-30%	30 - 70%	over 70%
-------------	-------	--------	----------	----------

		TREES			MALLEES	
		over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM						
COVER CLASS (%)						
DOMINANT SPECIES						

		SHRUBS			SHRUBS	
		over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM						
COVER CLASS (%)		10-30 (→35)	10-30	10-30 30-70	30-70	10-30
DOMINANT SPECIES		<i>Santalum acuminatum</i> → <i>S. acuminatum</i>		<i>Melaleuca fulgens</i> <i>Casuarina</i> <i>H. B. wood</i>	<i>M. fulgens</i> <i>Casuarina</i> <i>H. B. wood</i>	<i>Myrtus laevis</i> <i>Myrtus</i> <i>Baeckhaemopsis</i>

		GRASSES	HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM						
COVER CLASS (%)			10-30%			
DOMINANT SPECIES			<i>Chenopodium</i> sp. <i>Dioscorea hastifolia</i> <i>Borhya sphaerophala</i>			

4. VEGETATION CONDITION

Comments

4

code = scrub.

→ Santalum fricket over heart

2 low scrub

(rabbit grazing). Impressive Santalum acuminatum
tall shrubland over
Noctua heart on granitic loams.

2

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No	CSR002
Date	26.9.96

Label each plant with plants number, site code, date and plant's name or working name if required

Record on Sheet

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

* Decomposing granite

TREES	SHRUBS	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
<i>Santalum acuminatum</i>	✓		✓		<i>Acacia pulchella</i>	✓		○	<i>Melothia</i> sp.	✓		✓
<i>Melaleuca ? ligulata radula</i>	✓		✓		<i>Sonchus oleraceus</i>			○	<i>Waitzia</i> sp.			✓
<i>Hakea crinita</i>	✓		○		<i>Gonolobus cordiger</i>			✓	<i>Stylidium</i> new bulbiferum			✓
<i>Grevillea pilulifera</i>	✓		○		<i>Cassia</i> sp.				<i>Wahlerbergia</i>	✓		✓
<i>Hakea incrassata</i>	✓		○						<i>Holmsia holmsii</i>			✓
<i>Van. preissii</i>	✓		○						<i>Trachymene ? pilosa</i> (large)			✓
MALLEES									Annual <i>Schoenus</i> / <i>Isoplepis</i>			✓
<i>Stipandra glauca</i>	✓		○						<i>Cardolipis dummondii</i>			✓
<i>Halimolobos quadrifida</i>	✓		○		GRASSES				<i>Hydrocotyle</i>			✓
<i>Hibb. hypericoides</i>	✓		○		<i>Neurachne alopecuroides</i>	✓			<i>Lovenhockia</i> (purple underside)	✓		✓
<i>Dry. calycina</i>	✓		○		<i>Drosera erythrorhiza</i>				<i>Biza minor</i>	✓		✓
SHRUBS					<i>Quinetia</i> arten <i>arvenia</i>				<i>Aira canadensis</i>	✓		✓
<i>Scaevola ruscifolia</i>	✓		○		<i>Nerica dilatatum</i>	✓		✓	<i>Drosera erythrorhiza</i>			✓
<i>Conostylis setigera</i>	✓		✓		Unid - exd'c grass as veldt pos!			✓	SEDGES			
<i>Grevillea binnertiana</i>	✓		✓		<i>Drosera nemorosii</i>			✓	<i>Gladiolus</i> sp.			
<i>Loxocarya flexuosa</i>	✓		✓		<i>Cassutha</i> sp.	✓		✓	<i>Biza maxima</i>			
<i>Trachymene</i>									<i>Magalis arvensis</i>			✓
<i>Dry. nivalis</i>	✓		○		HERBS				Large <i>Lepidosperma</i> - flat leaved (in ball)	✓		✓
					<i>Dioscorea</i> <i>laetifolia</i>	✓		✓	• Small <i>Leptosperma</i> - ferele	✓		
					<i>Cheilanthes</i> <i>austrorobusta</i>	✓		✓	• <i>Hypochaeris glabra</i>			
					<i>Borja spheco</i>	✓		✓				
					<i>Burchardia congesta</i>	✓		✓				
					<i>Crassula (exilis)</i> (stalled flower)			✓	ADS-			
					<i>Arthropodium capillipes</i>			✓	<i>Acacia onicophylla</i>	✓		✓
					<i>Boerhaavia</i> <i>Dionellia</i> <i>nevelina</i>	✓		✓				
					<i>Boerhaavia</i>							
					<i>Hamodorum</i> sp.	✓		✓				

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No CSBK02

Record on Sheet

Date 10.12.96

- Column 1 plant name

- Column 2 plant number

• **Column 3** **flowering time-** TICK if species flowering

- **Column 4** **identification** **check**

[illegible]

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No WPCB 81 02

Record on Sheet

Date 16.12.96 (R)

dets 26.9.96

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
<i>Santalum acuminatum</i> ✓	—	✓	✓					<i>Actinotus leucocephalus</i> ✓	✓	✓	✓
<i>Mitralanua vadula</i> ✓	—	✓	✓					<i>Wahlenbergia preissii</i> ✓	✓	✓	✓
<i>Hakea erinacea</i> ✓	—	✓	✓					<i>Galium divaricatum</i> ✓	✓	✓	✓
<i>Grevillea ptilifera</i> ✓	—	✓	✓					<i>Anagalis arvensis</i> ✓	✓	✓	✓
ADS: <i>Acacia micinophylla patulifolia</i> ✓	✓	✓	✓					<i>Dioscorea hastifolia</i> ✓	✓	✓	✓
<i>Albizia casuarina microstachya</i> ✓	✓	✓	✓	No mention in lexicon - 3. MISKRA!				<i>Centaurium erythraea</i> ✓	✓	✓	✓
<i>Nerica dilatata</i> ✓	✓	✓	✓	GRASSES				<i>Dianella revoluta</i> ✓	✓	✓	✓
<i>Tymaliurn ledifolium varrosmar.</i> ✓	✓	✓	✓	<i>Vulpia myrtilloides</i> ✓	✓	✓	✓	<i>Sonchus oleraceus</i> ✓	✓	✓	✓
<i>Hakea incrassata</i> ✓	—	✓	✓	<i>Aira canophylla</i> ✓	✓	✓	✓	<i>Haemodorum discolor</i> ✓	✓	✓	✓
<i>Xanthorrhoea preissii</i> ✓	—	✓	✓	<i>Stipa</i> sp. ✓	✓	✓	✓	<i>Cassutha pomiformis</i> ✓	✓	✓	✓
<i>Calothamnus quadrifidus</i> ✓	—	✓	✓	<i>Avena aena michelli</i> ✓	✓	✓	✓	<i>Styphandra glauca</i> ✓	✓	✓	✓
<i>Hibbertia hypericoides</i> ✓	—	✓	✓	<i>Neurachne alpeceoides</i> ✓	—	✓	✓	<i>Hypochaeris glabra</i> ✓	✓	✓	✓
<i>Phyllanthus calycinus</i> ✓	—	✓	✓	<i>Brija minor</i> ✓	—	✓	✓	<i>Caesia micrantha</i> ✓	✓	✓	✓
<i>Baeckea camphorosmae</i> ✓	—	✓	✓	<i>Brija maxima</i> ✓	—	✓	✓	<i>Drosera erythrorhiza</i> ✓	✓	✓	✓
<i>Grevillea bipinnatifida</i> ✓	—	✓	✓	HERBS				<i>Quinetia uvullei</i> ✓	✓	✓	✓
<i>Dryandra lindleyana lindleyana</i> ✓	—	✓	✓	<i>Cassutha pomiformis</i> ✓	✓	✓	✓	<i>Drosera menziesii</i> ✓	✓	✓	✓
<i>Acacia pulchella</i> ✓	—	✓	✓	<i>Gonocarpus cordiger</i> ✓	✓	✓	✓	<i>Borhya sphaerocephala</i> ✓	✓	✓	✓
				<i>Crassula pedicellosa</i> (good netted) ✓	✓	✓	✓	<i>Burchardia congesta</i> ✓	✓	✓	✓
				<i>Centrolepis drummondiana</i> ✓	✓	✓	✓	<i>Arthropodium capillipes</i> ✓	✓	✓	✓
				<i>Haemodorum laxum</i> ✓	✓	✓	✓	<i>Pterochaeta paniculatum</i> ✓	✓	✓	✓
				<i>Conostylis setigera setigera</i> ✓	✓	✓	✓	<i>Stylidium bulbiferum</i> ✓	✓	✓	✓
				<i>Meibomia australis v. folia</i> ✓	✓	✓	✓	<i>Gladiolus sp. sterile</i> ✓	✓	✓	✓
				<i>Homaloscium homalocarpum</i> ✓	✓	✓	✓	SEDGES			
				<i>Trachymene pilosa</i> ✓	✓	✓	✓	<i>Schoenus nardus</i> ✓	✓	✓	✓
				<i>Mitelia tenuifolia</i> ✓	✓	✓	✓	<i>Juncus capitatus</i> ✓	✓	✓	✓
					✓	✓	✓	<i>Desmodium aspera</i> ✓	✓	✓	✓
				<i>Levenhookia pusilla</i> ✓	✓	✓	✓				
				<i>Hydrocotyle callicarpa</i> ✓	✓	✓	✓				

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

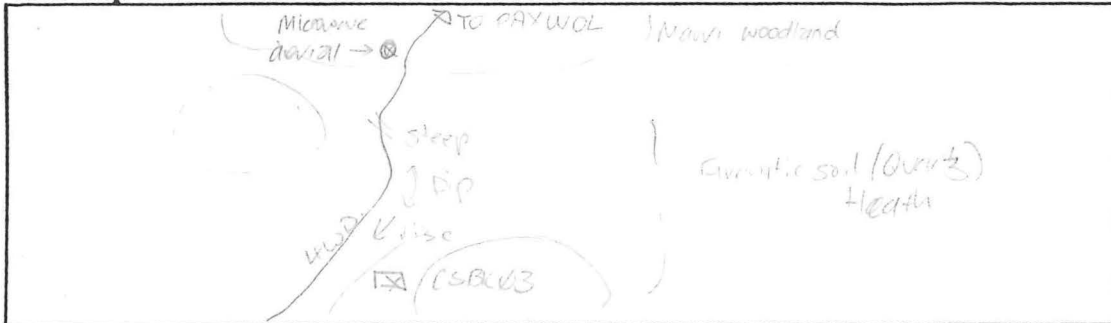
BUSHLAND AREA Crystal Brook ^{Paxwood site} SITE NUMBER CSBK03DATE TRIP 26.9.96 RECORDERS AM & ML

DATE TRIP _____ RECORDERS _____

DATE TRIP _____ RECORDERS _____

1. LOCATION of the QUADRAT

Mud Map Draw a sketch of the location of the site below

Road Location off Crystal Brook Road. Maps 312-313 UBD 1995

Geographic Location Latitude 32°01' 25.0" S Longitude 116°01' 44.1" E Altitude 180m
 GPS ✓ Accuracy PDP 5-2
 Map Sheet Malincoth

Photograph	Name	Number
		#3022

Topographic Position (Circle the correct response)

Upland		Lower slope
Upper slope		Valley
<u>Midslope</u>	<u>3</u>	Washline

2. SITE DATA Circle the correct response

Slope flat gentle steep Aspect ENE NE E SE S SW W NW

Surface Soil Sandy clay ^{very fine grain 15} Depth to Rock _____ Colour Light brown

Exposed Rock type Quartz % surface cover 5% size range 1-3 cm

Litter 30 % surface cover Depth (cm) 5-20cm

Bare Ground 5 % surface cover

BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- use pencil only

3. VEGETATION STRUCTURE AND COVER

For each layer record - appropriate life form, cover class (see below) and dominant species in each layer.

Cover Class					
	2-10%	10-30%	30-70%	over 70%	
TREES					
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					
DOMINANT SPECIES					
MALLEES					
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)					
DOMINANT SPECIES					
SHRUBS					
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)			10-30%	30-70%	30-70%
DOMINANT SPECIES			<i>Alb. humilis</i> <i>Holcus erianthus</i> <i>Dry. australis</i>	<i>Polyp. seminudus</i> <i>Holcus erianthus</i>	<i>Hibb. hypericifolia</i> <i>Dry. australis</i>
GRASSES					
	over 2m	2m - 1.5m	1.5 - 1m	1-0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)		2-10%			
DOMINANT SPECIES		Mixed small herbs mini 9 <i>calcarata</i> (<i>perpetuella</i>)			

4. VEGETATION CONDITION

Comments

5/5 (or 6/6) Exellat/pdine
condition long time undist. Very fine
silty clay with white quartz. Shrub heath.
+ *Philly* + Depression (damp)

Low heath C.

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No CSB/C03

Record on Sheet

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

Date 26.9.96

TREES	SHRUBS	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Baccharis camphorata	✓				Hakia undulata				Levenhookia sp			
Xanth. acanthostachya	✓				Patersonia pygmaea				Hydrocotyle			✓
Hibb. hypericoides	✓				Daviesia horrida				Jacksonia alata	✓		✓
Phy. calycinus	✓				Boya spirocarpoides				Pigeon Pinnate	✓		
Hibb. connata	✓		///		Xanthosia buxifolia				Miva canophyllae	✓		
Petrophile seminudata	✓		///		Leonotus cordiger			///				
MALLEES					Templearia biloba	✓		///	Sonchus oleraceus			
Hakea macassara	✓								Annual Kulpa / Schoenus			✓
Hakea eriantha	✓				GRASSES				persea australis			✓
Acacia sp. Damp myrtoides					Neurochloa decurva	✓						
Melaleuca / serba	✓				Hairy-leaved Stipa	✓			Stylidium			
SHRUBS					Thymus sp. basal leaf	✓			brunonianum	✓		
Daviesia decurva	✓		///		Cassia sp.							
Hibb. spicata	✓		///						SEDGES			
Verticordia sp. in bud (raceme)			///						Tetradlea affinis	✓		
Isopogon dubius					Stachys sp				Moraea schragaria			
Isopogon asper	✓								Lepidosperma fere	✓		
Dry. nivea	✓				HERBS				Flue Schoenus Lage	✓		
Asplenium pallidum	✓		///		Hamorolom sp. single steep leaf	✓			Flue Lepidosperma - small			
Grassia b. dist. Kote	✓		///		Cassia sp. (Warty. racemosa)	✓						
Eriostemon spicatus	✓				Burchardia congesta	✓						
Grassia pilulifera	✓		///		Stylidium brunonianum	✓						
Dry. armata	✓				styl. small (calcareum)	✓						
					styl. repens	✓						

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No CSBK03

Record on Sheet

Date 26.9.96

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

-dets

TREES	SHRUBS	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
Baetkea campylocha		✓		R	Chorizema dicksonii	✓		R	Drosera manziesii	✓	✓	✓
Xanthorrhoea alanthostachya		✓		R					Potamogeton pectinatus	✓		R
Hibbertia hypericoides		✓		R					Xanthoxia huegelii	✓		
Phyllanthus calceolus		✓		R					Thysanotus sp. basal leaves	✓		
Allocasuarina humilis		✓		R					Thys. tenuifolius?	✓		
Hakea incrassata		✓		R					Stylidium sp.			
Hakea minacea		✓		R					Haemodorum sp. strap leaf	✓		R
Acacia? pycnantha? poly?		✓		R					Stylidium repens	✓	✓	R
Coprosma dubious		✓		R	GRASSES				Leventhockia sp. pycnantha	✓		
Coprosma ror		✓		R	Aira camophylla	✓	✓		Sandus densis Sandus densis	✓		
Templetonia biloba		✓	✓	R	Neurachne laticarpa	✓		R	Drosera erythrorhiza	✓		
Jacksonia alata		✓		R	Stipa pycnostachya?	✓		R	Stylidium brunneum	✓		R
Verticordia pennigera		✓	✓	R	Poa sp. dumosissima	✓	✓	R	Trachymene pilosa			
Petrophile seminuda		✓	✓	R	Danthonia sp.	✓			SEDGES			
Grevillea pilulifera		✓		R	Aristida sp.				Actinotus			
Allocasuarina microstachya		✓	✓	R	Amphipogon				Drosera pycnostachya	✓		✓
Melaleuca aff scabra		✓	✓	R					(from CSBK03)			
Pyramida lindleyana lindleyana		✓		R	HERBS				Potamogeton pectinatus			
Astroloma pallidum		✓		R	Centaurium erythraea	✓	✓		Goodenia caerulea			
Hibbertia spicata		✓	✓	R	Stylidium petiolare	✓		R	Stylidium repens			
Daviesia polyphylla		✓	✓	R	Pterochaeta paniculata	✓	✓	R	Thysanotus sp. stratus			
Daviesia decurrens		✓	✓	R	Hydrochyle callicarpa	✓	✓		Poa dumosissima			
Pimelea imbricata piligera		✓	✓	R	Homaloscidium homalocarpon	✓	✓		SEDGES			
Hibbertia commutata		✓		R	Actinotus leucocephalus	✓	✓		Schoenus unispiculatus	✓	✓	✓
Pyramida lindleyana lindleyana				R	Bonyia sphaerocephala	✓	✓	R	Schoenus nardus	✓	✓	✓
Grevillea bipinnatifida		✓		R	Goodenia caerulea	✓	✓	R	Schoenus graminifolius	✓	✓	✓
Eriostemon spicatus		✓		R	Opeulavaria vaginata	✓	✓		Schoenus brevifolius	✓	✓	✓
Pyramida amata		✓		R	Thysanotus sp. stratus	✓	✓	R	Schoenus sp. indet	✓	✓	✓
Hakea undulata		✓		R	Gonocarpus cordiger	✓	✓	R	Tetraria octandra	✓		R
Daviesia horrida		✓	✓	R	Stylidium pycnostachyum	✓	✓					
					Cassia pomiformis	✓	✓					

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

RESCENCE Label each plant with plants number, site code, date and plant's name or working name if required

Record on Sheet

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

TREES	No	FI	ID	SHRUBS (cont.)	0.7640	1.1032	No	FI	ID	HERBS (cont.)	1.7816	2.1208	2.4600	No	FI	ID
				Jarrah/sheoak woodland-upland sites (49)												
				Jarrah/sheoak woodland-loamy sand (15)												
				Shrubland-humus podzols/granite (11)												
				Tall shrubland-peaty podzols (3)												
				Shrubland/woodland-shallow gritty soils (22)												
				Open shrubland-humus podzols (11)												
				Jarrah/marri open forest and woodland-sands (10)												
				Forest/shrubland ecotone podzols (5)												
				Forest/shrubland ecotone-yellow duplex soils (5)												
MALLEES				Shrubland-interdune plains (2)												
				Bankia woodland-interdune plains (4)												
				Coastal herbland-interdune plains (3)												
				Tall shrubland-sumps (1)												
				Shrubland-older dunes												
				Shrubland-recent dunes (10)												
				Shrubland-limestone substrate (4)												
				Shrubland/heathland-coastal headlands (2)												
				Shrubland-peaty interdune plains (7)												
SHRUBS				Shrubland-peat swamp (1)												
				Closed shrubland-peaty sands (3)												
				Blackbutt woodland-clay loams (5)												
				Melaleuca woodland-seasonally inundated (2)												
				Melaleuca woodland-estuarine (2)												
				Open sedgeland-clay (4)												
				Melaleuca woodland-sumps (1)												
				Granite outcrop-coastal (1)												
				Granite outcrop-sands (2)												
				Granite outcrop-loam (2)												
				Shrubland/forest-fertile valley floors (2)												
				Yate woodland-clay (4)												
				Granite outcrop-shallow (1)												
				Granite outcrop-shallow soils (1)												
				Granite outcrop-shallow soils (5)												
				Blackbutt woodland-clay/loam (2)												
				Wardoo woodland-valley slopes (1)												
				Open woodland-clay/granite outcrop (3)												
				Tall open forest-brown gravels (40)												
				Open Jarrah/Marri forest-brown gravels (31)												
				Open Jarrah/Marri forest-laterite (47)												
				Open Jarrah/Marri forest-gritty/outcrop (6)												
				Low open Jarrah/Marri forest-laterite/outcrop (12)												
				Tall open Karri/Tingle forest-brown gravels (78)												
				Tall open Karri forest (10)												
				Tall open Karri forest (1)												
					0.7640	1.1032				1.424	1.7816	2.1208	2.4600			

Fig. 8. Dendrogram based on 441 quadrats and 857 taxa of the Tingle Mosaic (Czechanowski metric, UPGMA $b = -0.1$) showing number of sites in each community-type in brackets. The Swamp/outcrop supergroup is dark shaded, the Jarrah/Marri forest, and Dune vegetation supergroups are light shaded and the Shrubland/woodland and Karri/Tingle forest supergroups are not shaded.

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No CSBK 03

Record on Sheet

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

Date 10-12-96

Recore

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
								Petrophile → divaricate			
								Yasminda			
								Verticordia divaricate			
				<i>V. perispermata</i>				4 Baeckea-like			
								Goodenia caerulea			
MALLEES								Acaria/Daveia sp.			
								(Not decurrens)			
				GRASSES				Tyrsacotus spatus			
				<i>D. polyphylla</i>				Donthoria			
SHRUBS								Daveia decurrens			
								SEDGES			
								Daveia horrida			
								Pateraria pygmaea?			
								Tyralium / Carex pilulifera			
								Wairia paniculata			
				HERBS				Chilopoda dicksonii			
								Poa sp.			

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

SITE No	CSHC03
Date	Nov 2
x Miel date sheets	

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No CSH/C03

Record on Sheet

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
				<i>Stylidium repens</i>	✓						
				<i>Laemodorum</i> sp.	✓			<i>A. microbachya</i>			
				<i>Dioscorea</i> sp. - <i>periziesii</i> (hang climbing, small)				<i>Allocasuarina</i> s.p. (small (compact))	✓		
				Small <i>Schomus</i> unispec.				<i>Conoclinium</i> sp. (no flower)			
MALLEES				with chestnut large bracts. <i>Chorizandra dictamnifolia</i>				<i>Isotriaena</i> sp.			
				GRASSES				<i>Pinetia</i> ? seedling			
				<i>Amphipogon</i> sp.							
SHRUBS				<i>Trachymene</i> sp.							
				Small thick ryle grass - <i>Danthonia</i>							
<i>Xyris</i> sp. leaf				<i>Hemion</i> sp.							
<i>Laemodorum</i> ??				<i>Waitzia</i> sp.				SEDGES			
				<i>Amphipogon</i>				<i>Large</i> <i>terrestris</i>	✓		
				<i>Chytia</i> sp.				<i>tridactylon</i>			
				Large <i>terrestris</i>				<i>terrestris</i> , small			
				HERBS							
				<i>Boerhaavia</i> sp.	✓						

Low wandoo woodland

BUSHLAND PLANT SURVEY RECORDING SHEET 1 - use pencil only

BUSHLAND AREA CSBK 41 Crystal Brook **SITE NUMBER** CSBK 4

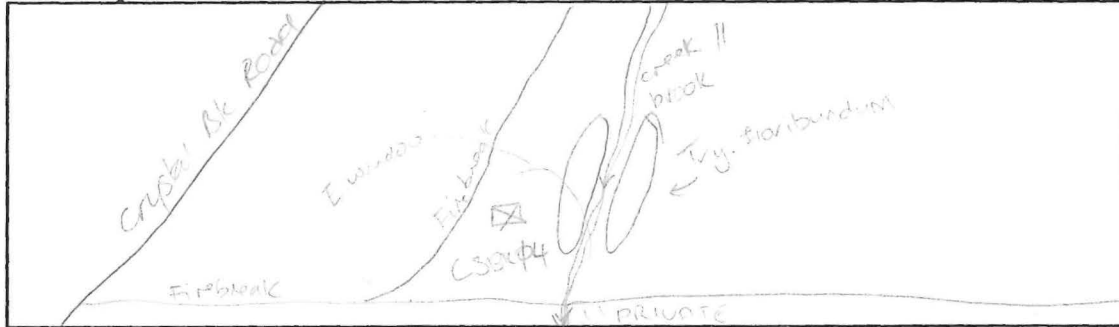
DATE TRIP 26.9.96 **RECORDERS** AMR ML

DATE TRIP _____ **RECORDERS** _____

DATE TRIP _____ **RECORDERS** _____

1. LOCATION of the QUADRAT

Mud Map Draw a sketch of the location of the site below



Road Location Firebreak off Crystal Brook Map 312 1995 USB

Geographic Location **Latitude** 32° 01' 20.2" S **Longitude** 116° 01' 27.3" E **Altitude** 70m
GPS ☒ **Accuracy** MAP = 3.4
Map Sheet Kelmscott

Photograph **Name** **Number** #31 + #32 Rd 1 #2

Topographic Position (Circle the correct response)
 Upland ☐ Lower slope ☒
 Upper slope ☐ Valley ☐
 Midslope ☐ Washline ☐

2. SITE DATA Circle the correct response

Slope flat ☐ gentle ☒ steep ☐ **Aspect** N NE E SE ☒ S SW W NW

Surface Soil clayey loam **Depth to Rock** 7m **Colour** Dr Brown

Exposed Rock type laterite % surface cover 1% size range 1-2cm

Litter 70 % surface cover (run off) **Depth (cm)** 10-20cm

Bare Ground 5 % surface cover (longer trail)

Adapted from 'Bushland Plant Survey' written by B. Keighery (1994) and published by Wildflower Society of WA (Inc). PO Box 64 Nedlands WA 6008

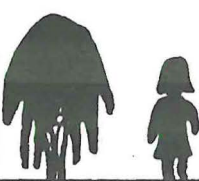
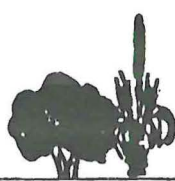
BUSHLAND PLANT SURVEY RECORDING SHEET 2 (Mulr)- use pencil only

3. VEGETATION STRUCTURE AND COVER

For each layer record - appropriate life form, cover class (see below) and dominant species in each layer.

Cover Class	2-10%	10-30%	30-70%	over 70%
-------------	-------	--------	--------	----------

TREES			MALLEES		
	over 15m	5-15m	under 5m	over 8m	under 8m
LIFE FORM					
COVER CLASS (%)		2-10%			
DOMINANT SPECIES		E. wandoo			

SHRUBS			SHRUBS		
	over 2m	2m - 1.5m	1.5 - 1m	1 - 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)			10-30%	30-70%	30-70%
DOMINANT SPECIES			H. leucophylla Calo. quad.	H. leucophylla Xan. gracilis Calo. thamnos	dry nipa Hibb. commutata Hibb. hypoleuca

GRASSES		HERBS	SEDGES	over 0.5m	under 0.5m
LIFE FORM					
COVER CLASS (%)		2-70%	2-10%		
DOMINANT SPECIES		Chromola. rostrata Stylidium mitb	Lepidospermon sp dele smooth		

4. VEGETATION CONDITION

Comments	345 History of logging... E. wandoo 64 x Roo trail (log) 2
----------	---

Open low woodland
P = 11

B
2-5

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No AA CSBK04

Record on Sheet

- **Column 1** **plant name**
- **Column 2** **plant number**
- **Column 3** **flowering time- TICK if species flowering**
- **Column 4** **identification check**

Date 10/2/96

Respire

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
								Hibbertia spicata	///		
								(path in ELB 2)			
								EBNT 1			
								Conocarpus lordiger	///		
								Baekia campar	///		
								Tet. octandra	///		
MALLEES								Stipa sp.			///
								Hypochaeris glab.			///
				GRASSES				Briza maxima			///
								Casuarina sp.			///
								Burchardia congesta			///
SHRUBS								Isopogon sp.			///
								Petrophile			///
								SEDGES			
								Xanth. gracillia			
								Xanth. gracillia			
								Lemniscaria puilla			
								Dantheria sp.			
				HERBS				Hypoxis sp.			
								18			

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No CSBK04

Record on Sheet

Date 26.9.96

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

10.12.96(R)

TREES				SHRUBS (cont.)				HERBS (cont.)			
No	FI	ID		No	FI	ID		No	FI	ID	
			<i>Euc. nardoo</i> ✓				<i>Phyllanthus calycinus</i> ✓				<i>Hydrocotyle callicarpa</i> ✓
			<i>Hakea myrtilloides</i> ✓				<i>Oleaia paucidentata</i> ✓				<i>Aphelia cyperoides</i> ✓
			<i>Hakea lissocarpa</i> ✓				<i>Leucopogon prop? / Styphelia / L. cap?</i> ✓				<i>Trachymene pilosa</i> ✓
			<i>Acacia willdenowiana</i> ✓				<i>Gompholobium marginatum</i> ✓				<i>Homaloscidium humiliorum</i> ✓
			<i>Baeckea camphorosma</i> ✓				<i>Hypochaeris glabra</i> ✓				<i>Gonocarpus cordiger</i> ✓
			<i>Hypocalymma angustifolium</i> ✓								<i>Haemodorum discolor</i> ✓
			<i>NE Metaleuca aff. scabra</i> ✓								<i>Thysanotus multiflorus</i> ✓
			<i>NE Temetaria biloba</i> ✓								<i>Thysanotus marginatus (sterile)</i> ✓
			<i>NE Allocasuarina microstachya</i> ✓								<i>Calisia micrantha</i> ✓
			<i>Isopogon asper</i> ✓				GRASSES				<i>Burchardia longista</i> ✓
			<i>NE Davesia decurrens</i> ✓				<i>Aira caryophylla</i> ✓				<i>Cassia par. formis</i> ✓
			<i>Nemcia capitata</i> ✓				<i>Stipa pycnostachya</i> ✓				<i>Dantheria pycnostachya</i> ✓
			<i>NE Davesia horrida</i> ✓				<i>NPoa drummondiana</i> ✓				<i>Haemodorum laxum</i> ✓
			<i>NE Davesia polyphylla</i> ✓				<i>Dantheria sp.</i> ✓				<i>Stypandra glauca</i> ✓
			<i>NE Verticordia plumigera</i> ✓				<i>Briza maxima</i> ✓				
			<i>NE Petrophile seminuda</i> ✓				<i>Neivachne alpestricola</i> ✓				
			<i>Grevillea pilulifera</i> ✓								<i>Drosera manjessii</i> ✓
			<i>Hibbertia spicata spicata</i> ✓								<i>Borja sphaerocephala</i> ✓
			<i>Hibbertia conmutata</i> ✓								<i>Sonchaea laxiflora</i> ✓
			<i>Calothamnus quadrifidus</i> ✓				HERBS				<i>Drosera erythrorhiza</i> ✓
			<i>Trinatum floribundum floribundum</i> ✓				<i>Petersaria juncea</i> ✓				<i>Arthropodium capillipes</i> ✓
			<i>ADJ: Briza tenuis</i> ✓				<i>Goodenia laevula</i> ✓				<i>Stylidium bulbiferum</i> ✓
			<i>Petrophile striata</i> ✓				<i>Stylidium repens</i> ✓				
							<i>Thysanotus sparteus</i> ✓				<i>Romulea rosea</i> ✓
			<i>Tipolaelis huegelii huegelii</i> ✓				<i>Pheilanthes austrotenuifolia</i> ✓				<i>Trichodine spatulatum</i> ✓
			<i>Nemcia dilatata</i> ✓				<i>Chamaecilla corimbosa latifolia</i> ✓				SEDGES
			<i>Hakea erinacea</i> ✓				<i>Thysanotus tenellus tall/large</i> ✓				<i>Schoenus unispiculatus</i> ✓
			<i>Xanthorrhoea plerissii</i> ✓				<i>Centropus drummondiana</i> ✓				<i>Schoenus grammatophyllus</i> ✓
			<i>Hibbertia lupulicoides</i> ✓				<i>Pterochaeta paniculata</i> ✓				<i>NE Schoenus sp.</i> ✓
			<i>Dryandra lindleyi lindleyi</i> ✓				<i>Hypoxis occidentalis</i> ✓				<i>Desmodium asper</i> ✓
			<i>Hibbertia palidior</i> ✓				<i>Stylidium petiolare</i> ✓				<i>Tetaria octandra</i> ✓
			<i>Acacia pulchella</i> ✓				<i>Goodenia aff. micrantha/day</i> ✓				
							<i>Larochodia pusilla</i> ✓				

	gaover 63	gsover 63	txshst 57	Tann 63	TdiurR 63	TannRa 63	TwetQ 63	TwarQ 63	TcldQ 63	Pann 63	Pseas 63	PwetQ 63	

P_cldQ	-.58												

EC	-.08	.14											
phH2O	.01	.17	.59										
		*	***										
phCACL2	-.01	.19	.65	.90									
		*	***	***									
sand	-.06	.25	-.15	.05	.01								
		**											
silt	.10	-.28	.34	.13	.16	-.64							
		**	***			***							
clay	.06	-.20	.03	-.16	-.13	-.81	.41						
		*				***	***						
C	-.43	.51	.24	.12	.16	-.03	-.00	.07					
	***	***	**				.995						
N	-.19	.29	.48	.34	.37	-.17	.25	.12	.65				
	*	***	***	***	***		**		***				
P	.18	-.24	.32	.22	.20	-.39	.53	.27	-.06	.17			
	*	**	***	*	*	***	***	**		*			
P_HCO3	.09	-.12	.45	.44	.43	-.28	.46	.15	-.05	.23	.67		
			***	***	***	***	***			**	***		
K_HCO3	.23	-.36	.35	.22	.25	-.42	.56	.31	-.17	.15	.52	.54	
	**	***	***	**	**	***	***	***	*		***	***	
Ca_HCO3	-.08	.32	.62	.67	.68	-.03	.18	-.06	.38	.58	.24	.40	.11
		***	***	***	***				***	***	*	***	
CEC	-.03	.05	.58	.52	.54	-.22	.38	.12	.17	.41	.25	.40	.42
			***	***	***	*	***			***	**	***	***
exCa	-.10	.19	.58	.61	.64	-.15	.27	.07	.32	.54	.24	.39	.32

Lead up
no. Haemodorum X check Haemodorus on score

BUSHLAND PLANT SURVEY RECORDING SHEET 3 - use pencil only

5. SPECIES PRESCENCE

Label each plant with plants number, site code, date and plant's name or working name if required

SITE No CSBK 04

Record on Sheet

Date 26.9.96

- Column 1 plant name
- Column 2 plant number
- Column 3 flowering time- TICK if species flowering
- Column 4 identification check

TREES	No	FI	ID	SHRUBS (cont.)	No	FI	ID	HERBS (cont.)	No	FI	ID
E. wandoo	✓			Cassia mirabilis	✓			Drosera meningiesii			
				Aphelia (Brizula)							
H. eritacea	✓			Hydrocotyle	✓			* Centaurea-like small			
Xan. preissii	✓			Hemmallo hemmallo	✓			annuals			
Isopogon aphyllus	✓			Grevillea pilulifera	✓			2 Levenhookias	✓		
Calb. quadrifidus	✓			Aomph. marginatum				Romulea rosea			
MALLEES				Acacia willdiana?	✓			Tricodine spathulatum			
Hibb. hypericoides	✓			wildewarra				Antrolopis drummondii			
Hibb. commutata	✓			GRASSES				Hypoxis sp (eaten)	✓		
Hyp. angustifolium	✓			Neritachne alopecuroides	✓			Cassia sp	✓		
dry weed	✓			Drosera meningiesii				Haemodorum shapleof (as in CSBK 04)			
SHRUBS				Styda sp. (hairy)	✓			Hypochaeris glabra	✓		
Nerica capitatum	✓			Waltzia sp. paniculata	✓			SEDGES			
Nerica dilatata	✓			Hemmallo hemmallo				Lepidosperma			
Nerica myrtoides	✓			Cassia sp. (multiflora)	✓			birds smooth	✓		
Astroloma pallidum	✓			Trachymene pilosa				small Lomandra ? ?	✓		
Acacia pulchella	✓			Aira caryophylla	✓			Schoenus s. unisp.	✓		
Gonocarpus cordiger	✓			pterophila seminuda (? NO FLOW)	✓			* Schoenus sp (black)			
Thysanotus (basal)				HERBS				Sgrammophyllus (basal)			
Wool of leaves				Barroja				Lepidosperma (fence)	✓		
Loxocarya flexuosa	✓			Borid spheerodiplata				small smooth			
Uplly (at)	✓			Obomostia corymbosa?	✓			Lepidosperma (fence rough)	✓		
Obavia procidentata	✓			Myrmecodia unguiculata	✓			2x Lepidosperma			
Tymalium floribundum	✓			Burchardia umbellata	✓						
Styphelia glauca	✓			Sowerbaea laxiflora							
Briza maxima	✓			Gonocarpus							
Styphelia sp.	✓			Drosera erythrorhiza							
(Leucopogon?)				Arthropodium capillipes	✓						
				Cassia multiflora	✓						
				Stylidium bulbiferum							
				Stylidium bulbosum / calcaratum							
				Heilanthus austrotempletonia							

floribundum